

IN THE CLAIMS

Please amend claims 1-14 and add claims 15-31 as provided in the following listing of the claims.

Listing of the Claims:

1. (Currently Amended) Positioning device (13) for the positioning of a reference body (15), via which measured values of a cooking process can be detected, on a rack frame (1) for a cooking appliance, which has a frame (2) ~~to~~ including a base frame and/or an upper frame and which holds at least one insertion column (6) with a plurality of insertion levels (8), ~~in which~~ the positioning device (13) comprising:

a positioner is attached to the rack frame (1) via at least two joining pieces (12), which extend essentially vertically upward or downward from a the base frame (3) or the upper frame (4) of the frame (2).

2. (Currently Amended) Positioning device according to Claim 1, ~~characterized by the fact that the positioning device (13)~~ wherein the positioner has an especially a beam- or plate-like section (19) running essentially horizontally between the at least two joining pieces (12).

3. (Currently Amended) Positioning device according to Claim 1, ~~or 2 characterized by the fact that the positioning device (13)~~ wherein the positioner is arranged roughly in the center of the height of the rack frame (1).

4. (Currently Amended) Positioning device according to ~~one of the preceding claims characterized by the fact that~~ Claim 1, wherein the positioning device (13) positioner has a recess (14), preferably in the center between joining pieces (12) to receive the reference body (15).

5. (Currently Amended) Positioning device according to Claim 4, ~~characterized by the fact that~~ wherein the recess (14) has a holding device for the reference body (15), like clamps, boots, hook-in devices, snap-in devices, or the like.

6. (Currently Amended) Positioning device according to ~~one of the preceding claims characterized by the fact that~~ Claim 4, wherein the positioning device (13) positioner has a sleeve (19) that extends from the recess (14) and preferably has an opening (20) that discharges especially into recess (14).

7. (Currently Amended) Positioning device according to ~~one of the preceding claims~~ characterized by the fact that Claim 1, wherein the positioning device (13) positioner comprises metal.

8. (Currently Amended) Positioning device according to ~~one of the preceding claims~~ characterized by the fact that Claim 1, wherein the reference body (15) is a ceramic, clay, porcelain, Teflon or carbon fiber tube, or the reference body comprises a granulate filled into sleeve (19), ~~especially encapsulated.~~

9. (Currently Amended) Positioning device according to ~~one of Claims 6 to 8~~ characterized by the fact that wherein the reference body (15) is essentially fully enclosed by the sleeve (19), and an the opening (20) of ~~which~~ the sleeve extends laterally along the longitudinal direction.

10. (Currently Amended) Positioning device according to Claim 9 characterized by ~~the fact that~~ wherein the sleeve (19) has ~~an~~ a further opening on the bottom.

11. (Currently Amended) Positioning device according to ~~one of the preceding claims~~ characterized by the fact that Claim 1, wherein the reference body (15) is arranged angled with reference to one of the at least two joining pieces (12), ~~preferably at an angle of about 45°C.~~

12. (Currently Amended) Positioning device according to ~~one of the preceding claims~~ characterized by the fact that Claim 1, further including at least one sensor (16) and/or cooking process sensor is arranged in and/or on the reference body (15), the sensor (16) and/or the cooking process sensor being operatively connected to a control and/or regulation unit of the cooking appliance.

13. (Currently Amended) Positioning device according to Claim 12, ~~characterized by the fact that~~ wherein the sensor and/or the cooking process sensor detects at least one climate parameter, ~~comprising a temperature value within the cooking appliance, a temperature rise, a moisture content, a moisture rise and/or the like can be detected by the sensor (16) or cooking process sensor.~~

14. (Currently Amended) Positioning device according to ~~one of the preceding claims~~ characterized by the fact that Claim 1, wherein the measured values of the reference body can be used to determine ~~the~~ a dew point.

15. (New) Positioning device according to Claim 4, wherein the recess is centered between the at least two joining pieces to receive the reference body.

16. (New) Positioning device according to Claim 5, wherein the holding device for the reference body comprises one of clamps, boots, hook-in devices or snap-in devices.

17. (New) Positioning device according to Claim 1, wherein the reference body comprises a granulate filled sleeve and wherein the granulate is encapsulated.

18. (New) Positioning device according to Claim 6, wherein the sleeve has an opening that discharges into the recess.

19. (New) Positioning device according to Claim 1, wherein the reference body is arranged angled with reference to one of the at least two joining pieces at an angle of about 45°.

20. (New) Positioning device according to Claim 13, wherein the at least one climate parameter comprises one of a temperature value within the cooking appliance, a temperature rise, a moisture content, or a moisture rise.

21. (New) Positioning device according to Claim 4, wherein the recess is positioned between the at least two joining pieces.

22. (New) A cooking appliance, comprising:
a rack frame including a base frame and/or an upper frame and at least one insertion column with a plurality of insertion levels;
a reference body via which measured values of a cooking process can be detected;
and

a positioning device for the positioning the reference body, the positioning device being attached to the rack frame via two joining pieces which extend essentially vertically upward or downward from the base frame or the upper frame.

23. (New) The cooking appliance of claim 22, wherein the positioning device has a beam- or plate-like section running essentially horizontally between the two joining pieces.

24. (New) The cooking appliance of claim 22, wherein the positioning device is arranged roughly in the center of the height of the rack frame.

25. (New) The cooking appliance of claim 22, wherein the positioning device includes a recess disposed between the two joining pieces to receive the reference body.
26. (New) The cooking appliance of claim 25, wherein the recess has a holding device that holds the reference body.
27. (New) The cooking appliance of claim 26, wherein the positioning device includes a sleeve extending from the recess.
28. (New) The cooking appliance of claim 22, wherein the reference body is a ceramic, a clay, a porcelain, a Teflon or a carbon fiber tube, or the reference body comprises a granulate filled sleeve.
29. (New) The cooking appliance of claim 22, wherein the reference body is arranged angled with reference to at least one of the two joining pieces.
30. (New) The cooking appliance of claim 22, further including at least one sensor arranged in and/or on the reference body, the sensor being operatively connected to a control and/or a regulation unit of the cooking appliance.
31. (New) The cooking appliance of claim 30, wherein the sensor detects at least one climate parameter, comprising one of a temperature value within the cooking appliance, a temperature rise, a moisture content, or a moisture rise.